



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DM-07/03

10/008049

INFORMATION DISCLOSURE STATEMENT

In re Application of: Burton, et al.
Serial No: 10/023,487
Filed: December 18, 2001
Confirmation No: 3646
Title: Composite Vapor Barriers for Use As Safety Nets
in Buildings

Attorney Docket No: VTI-9
Date: July 22, 2003
Art Unit: 1771
Our Account No: 04-1403
Customer No.: 22827

Commissioner for Patents
U.S. Patent and Trademark Office
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Sir:

The following is an Information Disclosure Statement for the captioned patent application, pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

1.[X] Attached hereto is:

- a.[X] A list of materials for consideration per Rule 98(a)(1): 1 page(s)
- b.[X] A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), unless not required per Rule 98(c) and/or (d) and as indicated on the attached list(s):
4 item(s)
- c.[] For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items: _____
- [] Such explanation is provided in the Search Report from a corresponding application enclosed herewith along with any enclosed translation into English.

2.[X] This Information Disclosure Statement is being filed [CHECK ONE]:

- a.[] WITHIN THREE MONTHS of the application filing date, national stage date of entry, or along with or after a request for continued examination, OR BEFORE the mailing date of a first Office Action on the merits, which ever event occurs last, WHEREFORE per Rule 97(b) NO filing fee or Rule 97(e) certificate is required.
- b.[X] AFTER the time periods of section 2.a above, but BEFORE a Final Action, Notice of Allowance OR an action that otherwise closes prosecution, WHEREFORE PER Rule 97(c) submitted herewith is [CHECK ONE]:
- i.[] Certification per Rule 97(e); OR
- ii[X] Filing Fee per Rule 17(p)\$180.00
- c.[] AFTER a Final Action OR Notice of Allowance, but BEFORE payment of the issue fee, WHEREFORE per Rule 97(d) submitted herewith is:
- i. Certification per Rule 97(e); AND
- ii. Filing fee per Rule 17(p)\$180.00

3.[] Rule 97(e) Certification; per Rule 97(e), the undersigned certifying party make the following certification statement [CHECK ONE]:

- a.[] That each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR
- b.[] That no item of information contained in this Information Disclosure Statement was cited in a foreign patent office in a counterpart foreign application and to the knowledge of the undersigned after making a

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reasonable inquiry, was known to any individual designated in Rule 56(c) more than three months prior to the filing of this statement.

CERTIFYING PARTY (if different from bottom signature; omission here indicates that certification is being made by signer per signature below).

Name: _____ Signature: _____
Address: _____ Date: _____

4.[X] DEPOSIT ACCOUNT AUTHORIZATION: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any fees in addition to the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiency only) now or hereafter relative to this application and the resulting official document under Rule 20, or credit any overpayment, to our Account No. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee in this case.

5.[X] CERTIFICATE OF MAILING: This Information Disclosure Statement is being filed pursuant to [CHECK AND COMPLETE ONE]:

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b.[] "Express Mail" Certificate under Rule 10:

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By: Timothy A. Cassidy

Reg. No: 38,024

Signature: [Signature]

Date: July 22, 2003

(Rev. 5/92) Information Disclosure Statement List By Applicant Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number VTI-9	Serial Number 10/023,487
	Applicant Burton, et al.	
	Filing Date: December 18, 2001 Confirmation No.: 3646	Group 1771

NOTE: If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]"

- (1) This item is cumulative, per Rule 98(c)
- (2) A copy of this item was previously cited by or submitted to the U.S. Patent and Trademark Office in:
 USPN _____, filed _____, or
 USPN _____, filed _____;
 Relied on under 35 U.S.C. Section 120, per Rule 98(d)
- (3) Both reasons (1) and (2) apply
- (4) No legible complete copy is possessed, in custody of controlled, or readily available

U.S. PATENT DOCUMENTS									
EXAMINER INITIALS	PATENTEE NAME				PATENT NUMBER				COPY NOTE

FOREIGN PATENT DOCUMENTS									
EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	TRANSLATION			COPY NOTE		
				YES	NO	N/A			

*"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

EXAMINER INITIALS	OTHER DOCUMENTS	COPY NOTE
	Specify author (if any), Title, Pertinent Pages, Date & Place of Publication	
	Lamtec® Corporation; ARENASIELD Foil/Fiberglass-Polyester Blend Fabric	
	Lamtec® Corporation; GYMGUARD Polypropylene/Fiberglass-Polyester Blend Fabric	
	STANDARD Suspension Fabric, "NEW" Std. Fabric for 2002, Simple Saver System®	
	Purlin Glide™ Vapor Retarder Standard Duty (.02 Perm)	
EXAMINER	DATE CONSIDERED	
Examiner: initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.		



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ARENASHIELD

FOIL / FIBERGLASS-POLYESTER BLEND FABRIC

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
Foil	Aluminum	0.0003 inch	7.6 micron
Adhesive	Flame Resistant		
Fabric	Fiberglass/Polyester Blend	75 lbs / 3000 ft ²	122 gm / m ²

PHYSICAL PROPERTIES	TEST METHOD	VALUES (ENGLISH)	VALUES (METRIC)
Basis Weight	Scale	40 lbs / 1000 ft ²	195 gm / m ²
Permeance (WVTR)	ASTM E96 Procedure A	0.02 perm (grains/hrft ² in Hg)	1.15 ng / N's
Bursting Strength	ASTM D774	250 psi	17.6 kg / cm ²
Puncture Resistance	ASTM C1136	550 beach units	16.4 Joules
Tensile Strength	ASTM C1136	195 lbs/inch width(MD) 150 lbs/inch width(XD)	34.1 kn / m (MD) 26.3 kn / m (XD)
Caliper / Thickness	Micrometer	0.006 inch	152 micron
Accelerated Aging	30 Days @ 95% RH, 120°F (49°C)	No Corrosion No Delamination	No Corrosion No Delamination
Low Temperature Resistance	ASTM D1790 -40°F (-40°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
High Temperature Resistance	4 hours @ 240°F (116°C)	Remains Flexible No Delamination	Remains Flexible No Delamination
Water Immersion	24 hours @ 73°F (23°C)	No Delamination	No Delamination
Mold Resistance	ASTM C665	No Growth	No Growth
Dimensional Stability	ASTM D1204	0.25%	0.25%
Emissivity	ASTM E408	0.03	0.03

FIRE TESTING				
	UL-723		CAN ULC-S102M	
	Flame Spread	Smoke Developed	Flame Spread	Smoke Developed
Foil Exposed	5	5	5	5
Fabric Exposed	5	5	5	5

Physical Properties based upon statistical averages, Weight / Thickness +/- 10%

"LAMTEC" IS A REGISTERED TRADEMARK OF LAMTEC CORPORATION

Lamtec Corporation Bartley-Chester Road P.O. Box 37 Flanders, New Jersey 07836-0037 USA
(973) 584-5500 (800) 852-6832 Fax: (973) 584-5178

GYM GUARD

POLYPROPYLENE / FIBERGLASS-POLYESTER BLEND FABRIC

FACING COMPOSITION	DESCRIPTION	VALUES (ENGLISH)	VALUES (METRIC)
White Film	Metallized Polypropylene	0.0015 inch	38.1 micron
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Light Reflectance	ASTM C523	85%	85%

FIRE TESTING				
UL-723			CAN ULC-S102M	
	Flame Spread	Smoke Developed	Flame Spread	Smoke Developed
Film Exposed	0	30	5	30
Fabric Exposed	5	40	5	40

Physical Properties based upon statistical averages, Weight / Thickness +/- 10%

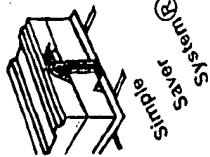
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PURLIN GLIDE™ VAPOR RETARDER STANDARD DUTY (.02 PERM)

Physical Characteristics

CONSTRUCTION	HDPE 900X1200 Denier +/- 10% Natural Woven Scrim (8 X 3)PE 1.75/1.1 inch in Wrap & Fill
COATINGS	Fire Retardant, Low Density Polyethylene 1.75 mills White (One side) 1.1 mills Gray (One side)
COLORS	White (1.75) or Gray (1.1)
WEIGHT	3.2 oz./square yard (ASTM D-1910)
TENSILE STRENGTH	118.8 lbs Warp (ASTM D-751, Grab Method) 73.8 lbs Fill
TEAR STRENGTH	26.3 lbs Warp (ASTM D-751, Tongue Method) 19.5 lbs Fill
WATER RESISTANCE	Not Effected
BURSTING STRENGTH	176 PSI (ASTM D-751, Mullen Method)
WATER VAPOR TRANSMISSION	0.02 U.S. Perms-Procedure A, Non-Inverted Method (ASTM E-96)
FIRE HAZARD CLASSIFICATION (ASTM E-84 or UL 723)	Class 1 Flame Spread < 25, Smoke Density < 50
TOTAL THICKNESS	5.6 MILLS +/- 10% (ASTM D-2103)
LIGHT REFLECTIVITY/ DISPERSION	Excellent
SEAMS	Vapor tight, extrusion welded
COLD TEMPERATURE/ FLEXIBILITY	Minus 60°C-Passes



STANDARD SUSPENSION FABRIC

Water Vapor Transmission Rating .02 grains per hour. Minimum Workability Temperature 60°F below zero. FHC Rating Flame Spread < 25 Smoke Developed < 50

"For True R-Value"

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through fall protection requirements.



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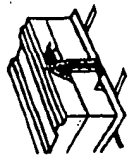
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Simple
Saver[®]
System[®]

STANDARD SUSPENSION FABRIC

Water Vapor Transmission Rating .02 grains
per hour. Minimum Workability Temperature 60°F
below zero. FHC Rating Flame Spread < 25 Smoke
Developed < 50

"For True R-Value"

04/16/2001

"NEW" Std. Fabric for 2001
Simple Saver System[®]

New system will meet OSHA's
through fall protection requirements.